

Peak District National Park

Forecast valid from 00:00 on Monday 15 Aug 2022 until 23:59 on Tuesday 16 Aug 2022

Forecast Issued on Sunday 14 Aug 2022 at 14:44

Confidence: High for generally cooler and more changeable conditions coming up. Low for exact details around showers and thunderstorms

Headline for Monday 15 Aug 2022: Cloudier than recently, with a risk of isolated showers, perhaps thundery later.

Mountain weather hazards on Monday 15 Aug 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Heavy rain showers	Thundery showers	Heavy rain showers	Heavy rain showers
Precipitation probability							
10%	10%	10%	30%	30%	30%	30%	30%

Forecast for Monday 15 Aug 2022

Weather: Most likely dry overnight with partly cloudy skies. Becoming cloudy through the morning, with a chance of an isolated light shower. Most places should remain dry. Another warm day, though likely not as hot as recently. The risk of showers likely increasing through the day, perhaps turning thundery with a chance of hail, though low confidence in timing and detail.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Cloud likely well above summits throughout. Good to very good visibility with local and possibly distant peaks visible. Showers may bring visibilities down to moderate or low at times, especially in any heavy or thundery downpours.

Forecast for Monday 15 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 SE	12/17 SE	8/12 S	6/9 NW	7/10 W	8/11 W	7/10 W	7/10 W	6/9 NW
300	9/17 E	5/7 SE	5/7 W	7/10 NW	6/10 S	7/10 W	6/9 W	5/9 W	4/7 NW
Valley	6/12 NE	4/8 E	3/8 E	5/8 NW	5/9 NW	5/9 W	5/10 W	3/8 NW	2/6 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/18	21/18	17/16	17/17	20/19	19/18	17/17	15/15	15/14
300	22/20	21/20	17/17	20/19	22/21	21/20	20/20	18/18	16/17
Valley	21/20	20/20	18/18	21/21	22/22	22/22	20/20	18/18	17/18
Freezing Level*	3200m	3200m	3200m	3200m	3100m	3100m	3100m	3100m	3100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Still rather warm so extra hydration will be necessary along with a waterproof layer for any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 13 Aug 2022	0mm	0mm	0mm

Forecast for Tuesday 16 Aug 2022

Weather: Another cloudy day with temperatures cooler again. Heavy, thundery and perhaps prolonged showers through the morning and early afternoon. Cloud thickening from the northwest through the afternoon and evening.

Maximum wind: Northwesterly 15 gusting 30 mph

Chance of cloud-free hill tops above 600m: 50% becoming 20%

Low cloud and visibility: Cloud down to 400-600m through the morning, with visibility poor above 400m and especially in any showers or longer spells of rain. Cloud lowering to 300-500m from late afternoon onward further reducing visibility levels at height. Generally good visibility under cloud and outside of any rain/showers.

Temperature: **Valleys:** Plus 18 Celsius becoming 23 Celsius.
At 600m: Plus 15 Celsius becoming 18 Celsius.
Freezing level: Above summits.